

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,952,228 B2  
DATED : October 4, 2005  
INVENTOR(S) : Tomoya Yoneda et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings.

Sheet 6, Figure 6, "HORISONTAL" should read -- HORIZONTAL --.

Column 4.

Line 56, "regained" should read -- retained --; and  
Line 57, "form" should read -- from --.

Column 5.

Line 26, "pulses, of" should read -- pulses, reset pulses and transfer pulses for controlling on/off of --; and  
Line 63, "dnd" should read -- and --.

Column 6.

Lines 14 and 31, "VKLC1," should read -- VCLK1, --;  
Line 60, "VKLC1" should read -- VCLK1 --.

Column 7.

Line 36, "photoecharges" should read -- photocharges --.

Column 11.

Line 9, "pick up" should read -- pickup --.

Column 14.

Line 4, "lense" should read -- lens --;  
Line 15, "is" should read -- are --;  
Line 28, "divining" should read -- defining --; and  
Lines 42 and 49, "lense 111" should read -- lens 111 --.

Column 15.

Line 43, "reading" should read -- reading- --.

Column 16.

Line 6, "lense" should read -- lens --; and  
Line 18, "is" should read -- are --.

Column 17.

Line 10, "lense" should read -- lens --.

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Column 18,

Lines 2 and 23, "lense" should read -- lens --;  
Line 9, "reading out" should read -- reading-out --; and  
Line 51, "passed" should read -- passes --.

Column 19,

Line 16, "AID" should read -- A/D --; and  
Line 51, "solid-sate" should read -- read-solid-state --.

Signed and Sealed this

Twenty-first Day of March, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*